REFERENSES

1) A.C Gaur . Phosphate solubilizing microorganisms as biofertilizers. Omega Scientific Farmer's Digest.1990;35(5):32.microbiol.
2) A.Peix ,E .Velazquez., E.,Martnez-Molina (2003)., Molecular methods for biodiversity analysis of phosphate solubilization in vitro..Inter..J.syst. Evol.Microbiolol. 53.
3) Armarger N (2002),Genetically modified bacteria In agriculture.Biochimine,84,1061-10
4) Bhat , K.K.S. and Nye, P. H.(1974) Diffusion of phosphate to plant roots ; III Depletion of phosphate around onion roots without root hairs .Plant soil science ;1; 383-394
5) Borowitz.J.J.Stankie- Dicz,M.,Leicka,T., ZuKowska,Z.,(1992), Inhibition of fungal cellulose, pectinase and xylanase activity of plant growth promoting fluorescent *Pseudomonas* ,Bull ,OILB/SROP 15,103-106.
6) Tilman1, Kenneth G. Cassman3, Pamela A. Matson4,5, Rosamond Naylor5 & Stephen Polasky2.1996 Ecology, 80(5), pp. 1455–1474 by the Ecological Society of America
7) Defago,G., Berger,U., hass,D., Kahr,G., Keel,C., Voisard,C., Wirthner,P Wuthrich ,B., (1990). Suppression of black root rot of tobacco and other root diseases by strains of *Pseudomonas florescence*; Potential applications and Mechanisms. In; Horny, D(Ed), Biological control of soil borne Plant pathogens. CAB International, Welligford, Oxon U.K. p.93-103 Dies. Port.106,244-250.
8) Dexter H Howard.(1956), Preservation of bacteria by freezing in glycerol broth..Journal of bacteriology, vol.7 (5) 625.
9) Duffy,B.K.,Defago,G.,(1997) Zink improves bio control of *Fusarium* crown and root rot of tomato by *Pseudomonas fluorescence* and represses the production of pathogen metabolites inhibitory to bacterial antibiotic biosynthesis . Phyto pathology 75,190-195.
10) Dubey R.C, Maheshwari. D. K. (2002),Practical microbiology published by S.Chand and company .New Delhi
11) Elad Y., Bakers, R., (1985). The role of competition for iron and carbon in suppression of chlamdospre germination of *Fusarium oxysporum*. Phyto pathology .

12) ETarabily,K.A.,Nassar,A.H.,HadyG.E.,K.sivasithaparam,.(2008),Plant growth promotion and biological control of *Pythium aphanidermatum* , a pathogen of cucumber ,by entophytic actinomycetes. J. of Applied Microbiogy.106, 13-26.

13) Elsorra E. Idriss1,3, Oliwia Makarewicz1, Abdelazim Farouk1, Kristin Rosner1, Ralf Greiner2, Helmut Bochow3,Thomus Richter4 and Rainer Borriss(2002),
Extracellular phytase activity of *Bacillus amyloliquefaciens* FZB45 contributes to its plant-growth-promoting effect[a] Microbiology , ,vol.148 no 7 2097-2109.

14) Fernandez,C.,Novo.R.,Vida Microbiana en el Suelo ,II La Habana ;editorial pueblo eduction,(1988). Pierson,L.S., Thomashow,L.S.,1992;cloning and heterogeneous expression of phenazine biosynthetic locus from *Pseudomonas aureofaciens* mol. Plant- Microbe Interact.5.330-339.

15) De Freitas, J.R., M.R. Banerjee and J.J. Germida, 1997. Phosphate-solubilizing rhizobacteria enhance the growth and yield but not phosphorus uptake of canola (*Brassica napus* L.). Biol. Fertil. Soils, 24: 358-364.

16) Gerke,J.,(1992).Phosphate,aluminium and iron in the soil solution of three different soils in relation to varying concentrations of citric acid. Zeitschrift Pflanzenernahr Bodenkunde,155:339-343.

17) G.Richa, Babita Khosla and M. Sudhakara Reddy(.1996). Improvement of Maize plant growth by phosphate Genetics of phosphate Solubilization and its potential applications for improving plant growth promoting bacteria.

18) Glick B R (1995) The enhancement of plant growth by free living bacteria. Can. J. Microbiol. 41, 109 117.

19) Horny,D(Ed),Potential applications and Mechanisms. In;, Biological control of soi lboarne Plant pathogens.CAB Intrenational , Welligford , Oxon U.K.p93-10.

20) H.Rodriguez,2,R.Fraga,T.Gonzalezl & Y.Bashan, (2006). Genetics of phosphate Solubilization and its potential applications for improving plant growth-promoting bacteria.

21) H.Rodriguez,2,R.Fraga,(1999). Phosphate Solubalizing bacteria and their role in plant growth promotion. Jou.of Biotechnology.Adv.,17:319-339.

22) Igual J M, Valverde A, Cervantes E and Vela´zquez E (2001) Phosphate-solubilizing bacteria as inoculants for agriculture: use of updated molecular techniques in their study. Agronomie 21, 561–568

23) Kannaiyan, S., Kumar. and Govindarajan, K.(2004) Scientific pub. (India), Jodhpur 2004

24) Khan M.S. and Zaidi Almas . (2006) Co-inculcations effects of phosphate solubalizeing microorganism and Glomus fasciculate on Green Gram-Bradyribium symbiosis. Turk .J. Agric ; 30:223-230.

25) Kloepper, J. W., Lifshitz, R. & Zablotowicz, M. (1989). Free-living bacterial inocula for enhancing crop productivity .Trends Biotechnology 7, 39-44.

26) Kukreja Girish P.,Bhute shrikant S.,Mangate sunil A.,DhavaleManish N.,(2010),Exploring the potential of *Pseudomonas* species as phosphate solubilizer ,plant growth promoter, .biocontrol agent and pesticide degrader. Asian J. Exp. Boil.sci.spl.40-44.

27) Kumar Arvind, Poonam Bhargava and Lal Chand Rai,(2010) Isolation and molecular characterization of phosphate solubilising *Enterobacte*r and *Exiguobacterium* species from paddy fields of Eastern Uttar Pradesh,India. Aferican Journal of Microbiology Research vol.4 (9) ,820-829.

28) Lal, L.(2002) In: Agrotech Pub. Academy, Udaipur, p. 224 ;2002.G

29) Mattey M.(1992) The production of organic acids. Rev Biotechnology, 12:87-132.

30) Misra N, Gupta G, Jha P N. Assessment of mineral phosphate-solubilizing properties and molecular characterization of zinc-tolerant bacteria. Ecological J Basic Microbiol. 2012 Oct;52(5):549-58.

31) Nguyen C yan (1992)Genetic Variability of phosphate solubalizeing activity by onocaryotic and dicariyotic mycelia of the ecotomycorrhizal fungus; 143; 193-199.

32) Nilima Wahe goanker ,Anita Nikam and S M Salunkhe. (2009). Phosphate solubalizeing efficiency of some fungi from soils of Aurangabad. M.S. Journal of pure and applied microbiology,. vol 3(2) p.709-713.

33) Omar S.A. Current science(2002);82(4),439-442

34) Penrose ,D.M .and B.R.Glick,(2003).Methods for isolating and characterizing ACC dreaminase containing plant growth promoting rhizobacteria.Physiol.Plant.,118:10-15.

35) Pikowaskaya , R.(1949)-Mibilisation of phosphorus in soil in connection with vital activity of some microbiological species. Mikrobiologia; 17:362-370. MICROBIOLOGY,

36) Pierson,L.S.,Thomashow,L.S.,(1992) ;cloning and heterogeneous expression of phenazine biosynthetic locus from *Pseudomonas aureofaciens* mol.Plant-Microbe Interact,5.330-339.

37) Ponmurugan , P. and Gopi,C. (2006) In vitro production of growth regulators and phosphatase activity by PSM.., African J. Biotechnology., 5(4): 348-350: ISSN 1684-5315.

38) Potgeter ,H. Alexander,M.,(1996).,Susceptibility and resistance of several fungi to microbial lysis.J. of Bactriology.91.1526-1532.

39) R.E.Evenson,(2003) Role of agriculture in economical development of Nation,. Science.

40) Richardson, A.E., P.A. Hadobas and J.E. Hayes, (2001). Extra cellular secretion of Aspergillus phytase from Arabidopsis roots enables plants to obtain phosphorus from phytase. Plant J.,25: 641-649.

41) Sanjotha P. Mahantesh P.and Patil C.S.(2011). Isolation and screening of efficiency of phosphate solubalising microbes.InternationalJournal of Microbiology Reserch.volume No.3 (1),pp-56-58.

42) Sharma K., (2005) In Manual of Microbiology, Isolation, Purification and Identification of Bacteria.Ane Books Pub. New Dehli,.

43) Tabatabai, M.A. and J.M. Bremner, (1969). Use of p-nitrophenyl phosphate for assay of soil phosphatase activity .Soil Biol. Biochem., 1: 301-307.

44) Thomas Richter4 and Rainer Borriss (2002) Extracellular phytase activity of Bacillus *amylolirquefaciens* FZB45 contributes to its plant- growth-promoting effect Microbiology ,vol.148 no7 2097-2109 .

45) Vassileva, M., Vassileva,N., Azcon R., Current science,(2002);82 (4) 439-442.

46) Velazhahan,R.,Samiyappan,R.,Vidyasekaran,P.,(1999).Releationship between antagonistic activities of *Pseudomonas flurescens* isolates against *Rhizoctonia solani* and thei production of lytic enzyme. J Plant Dies.Port.106, 244-250.

47) Yin, R.,(1988), Phosphate-solubalizing microbes in non-irrigated soils in china.Soils,20:243-246.